



Valid from 30 June 2020  
to 29 June 2023  
Issued on 30 June 2020



ISO/ IEC 17025  
TL 055-03

# Schedule of Accreditation

Accreditation Scheme for Testing Laboratories  
Sri Lanka Accreditation Board for Conformity Assessment  
Accreditation Number: TL 055-03

**Textile Laboratory**  
**Bureau Veritas Consumer Products Services Lanka (Pvt) Ltd**  
No. 570, Galle Road  
Katubedda

**Scope of Accreditation:** Performing Mechanical, Chemical and Biological testing on Textile & Textile material and Chemical, mechanical & Biological testing of Face masks as per AATCC, ISO, BS, DIN, EN and global & in-house methods

The laboratory is accredited for the following tests.

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
<b>Chemical Testing</b>				
01	Fibre & filaments/ Yarns & chords/Grey Fabrics/ Finished fabric/ Apparels/	Colorfastness to Crocking	AATCC 8: 2016 CPSD-SL-10008-MTHD:V11:2019 BS EN ISO 105-X12: 2016 CPSD-SL-90105.X12-MTHD:V7:2019 AATCC 116: 2013 CPSD-SL-10116-MTHD:V10:2019	Grade 1 to 5, $\pm 1/2$
02	Garments/ Made-ups/ Terry Fabrics & its products/ Technical textiles/	Colorfastness to Perspiration	AATCC 15: 2013 CPSD-SL-10015-MTHD:V12:2015 BS EN ISO 105-E04: 2013 CPSD-SL-90105.E04-MTHD:V9:2018	Grade 1 to 5, $\pm 1/2$
03	Geo-textiles/ Medical textile/ Automotive textiles/ Protective textiles/	Colorfastness to Light	AATCC: 16.3: 2014 CPSD-SL-10016.3-MTHD:V10:2015 BS EN 105-B02: 2014 CPSD-SL-90105.B02-MTHD:V6:2020	Grade 1 to 5, $\pm 1/2$
04	Sports textiles/ Packaging textiles/ Industrial textiles/ Domestic textiles/ Agro-textiles/ Others	Colorfastness to Laundering, Home and Commercial: Accelerated	AATCC 61: 2013 CPSD-SL-10061-MTHD:V17:2019 BS EN ISO 105-C06: 2010 (Except D3S, D3M) CPSD-SL-90105.C06-MTHD:V3:2017	Grade 1 to 5, $\pm 1/2$

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
05	Fibre & filaments/ Yarns & chords/Grey Fabrics/ Finished fabric/ Apparels/ Garments/ Made-ups/ Terry Fabrics & its products/ Technical textiles/ Geo-textiles/ Medical textile/ Automotive textiles/ Protective textiles/ Sports textiles/ Packaging textiles/ Industrial textiles/ Domestic textiles/ Agro-textiles/ Others	Colorfastness to Sea Water	AATCC 106: 2013 CPSD-SL-10106-MTHD:V8:2015 BS EN ISO 105-E02: 2013 CPSD-SL-90105.E02-MTHD:V3:2013	Grade 1 to 5, $\pm 1/2$
06		Colorfastness to Water	AATCC 107: 2013 CPSD-SL-10107-MTHD:V12:2016 BS EN ISO 105-E01: 2013 CPSD-SL-90105.E01-MTHD:V7:2019	Grade 1 to 5, $\pm 1/2$
07		Colorfastness to Dry cleaning	AATCC 132: 2013 CPSD-SL-10132-MTHD:V8:2017 BS EN ISO 105-D01: 2010 CPSD-SL-90105.D01-MTHD:V1:2019	Grade 1 to 5, $\pm 1/2$
08		Colorfastness to Washing: Oxidative Bleach	ISO 105-C09: 2001 CPSD-SL-90105.C09-MTHD:V2:2018	Grade 1 to 5, $\pm 1/2$
09		Colorfastness to Ozone	AATCC 109:2016 CPSD-SL-10109-MTHD:V7:2017	Grade 1 to 5, $\pm 1/2$
10		Colorfastness to Hot Pressing	ISO 105-X11:1994 CPSD-SL-90105.X11-MTHD:V5:2015	Grade 1 to 5, $\pm 1/2$
11		Colorfastness to Burnt Gas Fumes	AATCC 23:2015 CPSD-SL-10023-MTHD:V11:2018	Grade 1 to 5, $\pm 1/2$
12		Resistance to Phenolic Yellowing	ISO 105-X18:2007 CPSD-SL-31035-MTHD:V8:2020	Grade 1 to 5, $\pm 1/2$
13		Colourfastness to Dye Transfer in Storage: Fabric-to-Fabric	AATCC 163: 2013 CPSD-SL-10163-MTHD:V6:2015	Grade 1 to 5, $\pm 1/2$
14		Dimensional changes in automatic home laundering Smoothness appearance of Fabrics after repeated home laundering appearance of apparel and other textile end products after repeated home laundering	AATCC 135: 2018 CPSD-SL-10135-MTHD:V14:2019 BS EN ISO 6330:2012 CPSD-SL-96330-MTHD:V5:2016 BS EN ISO 3759:2011 BS EN ISO 5077:2008 CPSD-SL-93759-MTHD:V5:2018	-20% to 20% Grade 1 to 5, $\pm 1/2$ Grade 1 to 5, $\pm 1/2$ -20% to 20%
15			AATCC 124: 2018 CPSD-SL-10124-MTHD:V12:2020	Grade 1 - 5
16			AATCC 143: 2018 CPSD-SL-10143-MTHD:V12:2020	Grade 1 - 5
17		Skewness change in fabric and garment twist resulting from automatic home laundering	AATCC 179: 2017 CPSD-SL-10179-MTHD:V12:2019	0 – 20%
18		Water Repellency: Spray Test	AATCC 22: 2017 CPSD-SL-10022-MTHD:V7:2018	Grade 0, 50, 70, 80, 90, 100
19		Vertical Wicking of textiles	AATCC 197: 2018 CPSD-SL-10197-MTHD:V6:2019	1Sec- 10,000Sec 1mm – 35mm
20		Absorbency	AATCC 79:2018 CPSD-SL-10079-MTHD:V9:2019	1Sec – 1000Sec
21		Water Resistance: Rain Test	AATCC 35: 2018 CPSD-SL-10035-MTHD:V7:2019	0.1g to 200g
22		Fiber Analysis	AATCC 20: 2018 AATCC 20A: 2018 CPSD-SL-10020-A-MTHD:V21:2020 Method 1-15 of EU 1007/2011	Up to 100%
23		Oil Repellency: Hydrocarbon Resistance Test	AATCC 118: 2013 CPSD-SL-10118-MTHD:V9:2017	Grade 0 to 8, $\pm 1/2$
24		Flammability Performance of Fabrics and Fabric assemblies used in Sleepwear and Dressing gowns	BS5438:1989 (To assess as per BS 5722:1984) CPSD-SL-95722-MTHD:V2:2015	1 Sec to 1000 Sec

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
25	Fibre & filaments/ Yarns & chords/Grey Fabrics/ Finished fabric/ Apparels/ Garments/ Made-ups/	Burning behaviour of Children's Nightwear	BS EN 14878-2007 BS EN ISO 6941:2003 (To assess as per BS EN 1103-2005) CPSD-SL-96941-MTHD:V3:2020	1 Sec to 70 Sec
26	Terry Fabrics & its products/ Technical textiles/ Geo-textiles/ Medical textile/ Automotive textiles/ Protective textiles/ Sports textiles/ Packaging textiles/ Industrial textiles/ Domestic textiles/ Agro-textiles/ Others	Flammability of Clothing textiles	16 CFR Part 1610:2018 CPSD-SL-01610-MTHD:V5:2018	Qualitative
27		Smoothness of Seams in Fabrics after repeated home launder	AATCC 88B: 2018 CPSD-SL-10088B-MTHD:V10:2020	Grade 1 to 5, $\pm 1/2$
28		Retention of Creases in fabrics after repeated home laundering	AATCC 88C: 2018 CPSD-SL-10088C-MTHD:V11:2020	Grade 1 to 5, $\pm 1/2$
29		Dimensional changes in Automatic Home Laundering of Garments	AATCC 150: 2018 CPSD-SL-10150-MTHD:V17:2019	- 20% to + 20%
30		Textile & Textile products / Toys and sports material/ Prints/ Zippers/ Paints	Free and Hydrolyzed Formaldehyde (Water Extraction Method)  Released Formaldehyde (Vapor Absorption Method)	BS EN ISO 14184-1:2011 CPSD-AN-00054:V35:2019  JIS L1041 PART A JIS L1041 PART B CPSD-AN-00019:V29:2019  BS EN ISO 14184-2: 2011 AATCC 112: 2014 CPSD-AN-00055:V9:2014
31	Leather products	Formaldehyde	CPSD-AN-00060:V28:2019 ISO 17226- 1:2018 ISO 17226- 2:2018 GB/T 19941: 2005	
32	Textile & Textile products / Toys and sports material/ Prints/ Zippers/ Paints	pH of Aqueous Extract	CPSD-AN-00025:V14:2016  ISO 3071:2005 BS EN 1413:1998  AATCC 81: 2016 CPSD-AN-00026:V11:2017	1pH to 14 pH
33	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints/ Leather products	Total Lead Content In Surface Coating	CPSC-CH-E1003-09:2009 CPSD-AN-00001:V46:2018	1mg/kg-1000 mg/kg
34		Lead in Metal and Metal Alloy components	ASTM E 1613:2012 CPSD-AN-00066:V26:2019	1mg/kg-1000 mg/kg
35		Lead and Cadmium content by Microwave assisted acid digestion method	ASTM E 1645(01):2016 CPSD-AN-00164:V43:2018 EN 16711-1:2015	0.5 mg/kg -1000 mg/kg
36		Determining Total Cadmium content	EN 1122:2001 CPSD-AN-00004-V22:2015	(30 to 500) mg/kg
37	Metal finishing materials/ Metallic coatings/ Plating solutions/ Prints / Paints	Total Lead In Children Metal Products (Including Children Metal Jewellery)	CPSC-CH-E1001-08.3:2012 CPSD-AN-00066:V26:2019	1 mg/kg to 5000 mg/kg
38		Total Lead in Non-Metal – Children Products	CPSC-CH-E1002-08.3:2012 CPSD-AN-00164:V43:2018 CPSD-AN-00001:V46:2018	1 mg/kg - 5000mg/kg

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
39	Metal finishing materials/ Metallic coatings/ Plating solutions/ Prints / Paints	Nickel Release	CPSD-AN-00542:V17:2016 BS EN 1811:2011+A1:2015  BS EN 12472:2005+A1:2009	0.02 µg/cm <sup>2</sup> /week to 100µg/cm <sup>2</sup> /week
40		Determining Total Cadmium Content	EN 1122:2001 CPSD-AN-00004-V22:2015	(30 to 500) mg/kg
41	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints	Determination of Banned Aryl Amines (Azo dyes) in Textile O- Toluidine 2,4- Xylidine 2,6 –Xylidine 2- Methoxyaniline p-Chloroaniline p-Cresidine 2,4,5- Trimethylaniline 4- Chloro-o-Toluidine 2,4- Touylenediamine 2,4- Diaminoanisole 2-Naphthylamine 2-Amino-4 nitrotoluene 4-aminoazobenzene 4-Aminodiphenyl 4,4- Oxydianiline Benzidine 4,4- Diaminodiphenylmethane O-aminoazotoluene 3,3-Dimethyl-4,4-diaminodiphenylmethane 3,3-Dimethylbenzidine 4,4-Thiodianiline 3,3-Dichlorobenzidine 4,4-Methylene-bis-(2-Chloroaniline) 3,3-Dimethoxybenzidine Aniline 1,4-phenylenediamine	CPSD-AN-00607:V28:2019 EN ISO 14362-1:2017  CPSD-AN-00272:V26:2018 GB/T 17592:2011  CPSD-AN-00107:V38:2018 64 LFGB B 82.02-9:2014 GB/T 23344-2009 DIN EN 14362-3:2017	5 mg/kg to 2000 mg/kg
42			Leather products	
43	MRS� chemical / Other		CPSD-AN-00739:V2:2016	
44	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints/ Leather products	Determination of Disperse Dyes Disperse blue 1 Disperse blue 3 Disperse blue 7 Disperse blue 26 Disperse blue 35A Disperse blue 35B Disperse blue 35C Disperse blue 102 Disperse blue 106 Disperse blue 124 Disperse brown 1 Disperse orange 11 Disperse orange 3 Disperse Orange 1 Disperse Orange 37/59/76 Disperse Red 1 Disperse Red 11 Disperse Red 17 Disperse Red 151 Disperse yellow 1 Disperse yellow 3	CPSD-AN-00048:V43:2019  DIN 54231: 2005-11 64 LFGB 82.02.10:2007	0.5 mg/kg to 500 mg/kg
45			MRS� chemical	

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
44 contd	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints/ Leather products	Disperse yellow 9 Disperse yellow 39A Disperse yellow 39B Disperse yellow 49 Disperse yellow 23 Disperse yellow 56	CPSD-AN-00048:V43:2019  DIN 54231: 2005-11 64 LFGB 82.02.10:2007	0.5 mg/kg to 500 mg/kg
45 contd	MRSL chemical	Basic Violet 14 Basic Violet 3 Basic Violet 1 Solvent Yellow- 1 Solvent Yellow 2 Solvent Yellow 3 Solvent Red 23 Disperse Yellow 7 Disperse orange 149 Basic Red 9	CPSD-AN-00757:V3:2016	
46	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints/ Leather products	Determination of Carcinogenic Dyes Acid red 26 Direct black 38 Direct red 28 Direct blue 6 Direct Brown 95	CPSD-AN-00049:V26:2019 DIN 54231: 2005-11 64 LFGB 82.02-10:2007	0.5 mg/kg to 500 mg/kg
47	MRSL chemical	Acid Violet 49 Navy Blue	CPSD-AN-00757:V3:2016 CPSD-AN-00749:V2:2016	
48	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints	Determination of Chlorophenols Penta Chlorophenol 2,3,4,5 TetraChlorophenol 2,3,5,6 Tetrachlorophenol 2,3,4,6 Tetrachlorophenol Orthophenylphenol 2,4,6-Trichlorophenol 2,3,5-Trichlorophenol 2,3,6-Trichlorophenol 3,4,5-Trichlorophenol 2,3,4-Trichlorophenol 2,4,5-Trichlorophenol 2-Chlorophenol 3-Chlorophenol 4-Chlorophenol 2,3-Dichlorophenol 3,4-Dichlorophenol 3,5-Dichlorophenol 2,6-Dimethylphenol 4-Phenylphenol 2,4,6-Tribromophenol 4-Chloro-3-methylphenol o-Cresol m-Cresol p-Cresol	CPSD-AN-00094:V13:2018  DIN 53313-1996-02 DD CEN/TS 14494: 2003	0.025 mg/kg to 300 mg/Kg
49	Leather products		CPSD-AN-00093:V16:2018	
50	MRSL chemical		CPSD-AN-00740:V2:2016	
51	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints/ Other	PVC identification	CPSD-AN-00023:V7:2013	Qualitative

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
52	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	Octylphenoethoxylates (OPEO 2 to OPEO 16) 4-n Nonylphenoethoxylates (NPEO 2 to NPEO 18) n-Octylphenol (OPs) tert-4--Octylphenol (t-4-OPs) 4-n-Nonylphenol (4-NPs) Nonyl phenol(Nps)	CPSD-AN-000735:V19:2019	NPEO & OPEO: 5 mg/kg to 500mg/kg
53	MRSL chemical		CPSD-AN-00745:V2:2016	OP & NP: 5 mg/kg to 500mg/kg
54	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	<u>Oraganotin Compounds</u> Tri methyl ethyltin Dimethyl diethyltin Methyl tri ethyltin Tetra ethyltin Dipropyl diethyltin Monobutyl triethyltin Tripropyl monoethyltin Dibutyl diethyltin tributyl monoethyltin Tetrabutyltin Monooctyl triethyltin Phenyl tri ethyltin Diocetyl diethyltin Diphenyl diethyltin Triphenyl monoethyltin Tricyclohexyl monoethyltin Tri octyl monoethyltin	CPSD-AN-00089:V30:2017 DIN 38407-13  CPSD-AN-00692:V9:2017 ISO 16179:2012	0.025 mg/kg to 50 mg/ kg
55	MRSL chemical		CPSD-AN-00743:V3:2017	
56	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	<u>Determination of Phthalates</u> Di-n Butyl phthalate Benzyl Butyl Phthalate Di -n-Octylphthalate Di- Ethylhexylphthalate Di- iso decyl phthalate Di-n-hexyl phthalate Di iso butyl phthalate DiCyclohexylphthalate Di-Methoxyethylphthalate Di ethyl Phthalate Dimethyl phthalate Di-iso Nonyl Phthalate Di n propyl phthalate Di nonyl phthalate Di iso Octyl phthalate	CPSD-AN-00095:V51:2019  CPSD-AN-00143:V34:2019 CPSD-AN-00808:V11:2019 CPSC-CH-C1001-09.4:2018  CPSD-AN-00753:V5:2017 BS EN ISO 14389:2014  H&MZ-AN-00001-MTHD	5 mg/kg to 5000 mg/kg
57	MRSL chemicals		CPSD-AN-00741-V3:2016	
58	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	<u>Chlorinate Organic Carriers</u> 2-Chlorotoluene 3-Chlorotoluene 4-Chlorotoluene 2,4-Dichlorotoluene 2,5-Dichlorotoluene 2,6-Dichlorotoluene 2,3-Dichlorotoluene 3,4-Dichlorotoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2,4,5-Tetrachlorobenzene 1,2,3,5-Tetrachlorobenzene 2,3,6-Trichlorotoluene 2,4,5-Trichlorotoluene Pentachlorotoluene 1,2-Dichlorobenzene 1,2,3-Trichlorobenzene	CPSD-AN-00043:V25:2019 EN 17137: 2018	0.1 mg/kg to 100 mg/kg
59	MRSL chemicals		CPSD-AN-00744:V2:2016	

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
58 contd	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	1,2,4-Trichlorobenzene 1,3,5-Trichlorobenzene 1,2,3,4-Tetrachlorobenzene Pentachlorobenzene Hexachlorobenzene	CPSD-AN-00043:V25:2019 EN 17137: 2018	0.1 mg/kg to 100 mg/kg
59 contd	MRS� chemicals	Chlorobenzene $\alpha,\alpha,\alpha$ -Trichlorotoluene $\alpha,2,6$ -Trichlorotoluene $\alpha,2,4$ -Trichlorotoluene $\alpha,3,4$ -Trichlorotoluene $\alpha,\alpha,\alpha$ -2-Tetrachlorotoluene $\alpha,\alpha,\alpha$ -4-Tetrachlorotoluene $\alpha,\alpha,2,6$ -Tetrachlorotoluene	CPSD-AN-00744:V2:2016	
60	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints/ Metal alloys	<u>Migration of Certain elements</u> Aluminum Antimony Arsenic Barium Boron Cadmium Cobalt Copper Lead Manganese Mercury Nickel Selenium Strontium Tin Zinc Cr	CPSD-AN-00186:V38:2019  CPSD-AN-00003:V45:2018  EN 71 Part 3:2019  ISO 105 E04  EN 16711-2  CPSD-AN-00063-V25:2019	2 - 25 mg/kg 0.08 - 1mg/kg 0.02 - 25 mg/kg 2 - 25 mg/kg 0.08 - 1 mg/kg 0.02 - 25 mg/kg 0.02 - 25 mg/kg 2 - 25mg/kg 0.08 - 1mg/kg 2 - 25 mg/kg 0.02 - 25 mg/kg 0.08 - 1 mg/kg 0.08 - 1 mg/kg 2 - 25 mg/kg 0.02 - 25mg/kg 2 - 25 mg/kg 0.08 - 1 mg/kg
61	MRS� chemicals	Lead Cadmium Arsenic Mercury Chromium (VI) Antimony Cobalt Copper Nickel Zinc Manganese	CPSD-AN-00742:V2:2016	1-1000mg/kg 1-1000mg/kg 1-1000mg/kg 0.1-1000 mg/kg 0.5-1000mg/kg 1-1000mg/kg 1-1000mg/kg 1-1000mg/kg 1-1000mg/kg 1-1000mg/kg 1-1000mg/kg
62	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints/ MRS� chemicals/ Other	<u>Poly Aromatic Hydrocarbon</u> Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo[a]anthracene Chrysene Benzo[a]pyrene Benzo[e]pyrene Indeno[1,2,3-cd]pyrene Dibenzo(a,h)anthracene Benzo[b]fluoranthene Benzo[j]fluoranthene Benzo[k]fluoranthene	CPSD-AN-00090:V31:2019 ISO 16190:2013  CPSD-AN-00751:V2:2016	0.2 mg/kg-100 mg/kg

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
63	Finished leather/ Leather accessories/ Leather products/ Semi- finished leather/ Synthetic leather/ Other	Determination of Chromium VI (without Ageing)	CPSD-AN-00044: V41:2019	0.5 mg/kg to 50 mg/kg
64	Face Mask (Medical and Non-medical)	Flame Spread	ASTM F2100 – 19e1 (Specification) 16 CFR 1610 (Test method)	Qualitative
<b>Mechanical Testing</b>				
01	Textiles – Fabric / Garment	Tearing strength of fabrics by Falling-pendulum type (Elmendorf) apparatus	ASTM D 1424 :2009 (reapproved 2013) CPSD-SL-21424-MTHD:V10:2019 BS EN ISO 13937-1: 2000 CPSD-SL-99371.1-MTHD:V2:2019	2N – 60N (0.4 – 13.0 lb)
02		Tearing strength of fabrics by the Tongue (single rip) Procedure (C-R-E principle)	ASTM D 2261: 2017 CPSD-SL-22261-MTHD:V10:2018	10N-4.5kN (1Kg-450Kg) (2lb-900lb)
03		Breaking Strength (Grab Test)	ASTM D 5034: 2017 CPSD-SL-25034-MTHD:V11:2018	50N-4500N (10lb – 900lb)
			BS EN ISO 13934-2: 2014 CPSD-SL-99342-MTHD:V3:2014	
04		Max. Force (Strip test)	BS EN ISO 13934-1: 2013 CPSD-SL-93934.1-MTHD: V3:2013	50N-4500N (5kg-450kg)
05		Max. Force to Seam Rupture using the Grab Method	BS EN ISO 13935-2: 2014 CPSD-SL-99352-MTHD:V3:2014	50N-4500N (5kg-450kg)
06		Failure in Sewn Seams of Woven Fabrics	ASTM D 1683/D1683 2018 CPSD-GB-21683	50N-4500N (10lb-900lb)
07		Resistance to Slippage of Yarns in Woven Fabrics using a Standard Seam	ASTM D 434: 1995 CPSD-GB-21683: V7:2018 BS EN ISO 13936-1:2004 CPSD-SL-93936.1-MTHD:V1:2019	10N-4000N (2lb-800lb)
08		Warp (End) & Filling (Pick) Count of Woven Fabric	ASTM D 3775: 2017 CPSD-SL-23775-MTHD:V8:2018	10-50 per cm (25-250/inch)
09		Fabric Count (Wales & Courses) of Knitted Fabric	ASTM D 3887-96 (Reapproved 2008) CPSD-SL-23887-MTHD:V7:2018	10-50 per cm (25-250/inch)
10		Mass Per Unit Area (Weight) of Fabric	ASTM D 3776:M-09a (Re-approved 2017) Option C and D CPSD-SL-23776-MTHD:V20:2017	20GSM-700GSM
11		Pilling Resistance and other related surface changes of textile fabrics (Elastomeric Pad method)	ASTM D3514:2016 CPSD-SL-23514-MTHD:V11:2017	Grade 1 - 5
12		Pilling Resistance and Other Related Surface Changes (Random Tumble Pilling Tester)	ASTM D 3512M / D 3512M-2016 CPSD-SL-23512-MTHD:V17:2017	Grade 1-5
13		Fabric propensity to surface fuzzing and to Pilling (Pilling box method)	BS EN ISO 12945-1:2001 CPSD-SL-92945.1-MTHD:V5:2018	Grade 1–5
14		Fabric propensity to surface fuzzing and to pilling (Modified Martindale method)	BS EN ISO 12945-2:2000 CPSD-SL-92945.2-MTHD:V4:2018	Grade1 to 5
15		Abrasion resistance ( Martindale method) Part – 2: Determination of Specimen breakdown	BS EN ISO 12947-2: 2016 CPSD-SL-92947-MTHD:V5:2019	1000 to 60,000 Cycles
16	Stretch Properties of knitted Fabrics Having Low Power	ASTM D2594: 2016 CPSD-SL-22594-MTHD:V10:220	(Growth) Upto 100%	



SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
17	Textiles – Fabric / Garment	Stretch Properties of fabrics Woven from Stretch yarn	ASTM D3107: 2007 (Re-approved 2015) CPSD-SL-23107-MTHD:V11:2020	(Growth) Upto 100%
18		Determination of the elasticity of fabrics. Strip tests	BS EN 14704-1: 2005 CPSD-SL-97041-MTHD:V2:2013	(Elongation) Upto 150%
19		Bow and Skew in Woven and knitted Fabrics	ASTM D 3882-2016 CPSD-SL-23882-MTHD:V8:2017	Upto 45%
20		Hydraulic Bursting Strength of knitted Goods and Non-woven Fabrics (Diaphragm Bursting Strength Tester Method)	ASTM D 3786 / D 3786M: 2018 CPSD-SL-23786-MTHD:V17:2018	35 kPa-1378 kPa (5psi-200psi)
21		Strength Tests for Zippers	ASTM D 2061: 2007 (Re-approved 2013) CPSD-SL-22061-MTHD:V6:2019 BS 3084: 2006 CPSD-SL-93084-MTHD:V2:2013	50N-4500N (10lb-900lb)
22		Impact Resistance of Plastic Sew-through Flange Buttons	ASTM D 5171: 2015 CPSD-SL-25171-MTHD:V5:2020	Qualitative
23		Tension test in Buttons	BS 4162: 1983 Clause 4.5.1 (Re-approved 2013) CPSD-SL-94162:V3:2018	10N-1000N (1Kg-1Kg)
24		(i) Small parts test	16 CFR 1501-2018 ASTM F963-2017 (Clause 4.6) EN 71 Part 1 :2014 Section – 8.2	Qualitative
		(ii) Sharp points [under a force of 4.45 N (1 pound)]	16 CFR 1500.48-2018 EN 71 Part 1 :2014 Section – 8.12	Qualitative
		(iii) Sharp edges [under a force of 8.9 N (2 pounds)]	16 CFR 1500.49-2018 EN 71 Part 1 :2014 Section – 8.11	Qualitative
	(iv) Torque test [up to 8 kgf-cm ]	16 CFR 1500.50-2018 16 CFR 1500.51-53 (Part e): 2012 EN 71 Part 1 :2014 Section – 8.3	Qualitative	
	(v) Tension test [up to 100 N]	16 CFR 1500.50-2018 16 CFR 1500.51-53 (Part f): 2012 EN 71 Part 1 :2014 Section – 8.4 CPSD-SL-01500-MTHD:V14:2017	Qualitative	
25	Removal force of attached components	BS 7907:2007-Annex B	10N – 2000N (1Kg – 200Kg)	
26	Face Mask (Medical and Non-medical)	Differencial Pressure	ASTM F2100 – 19e1 (Specification) EN 14683 : 2019 Annexure C (Test method)	1 – 800 Pa/cm <sup>2</sup>
<b>Biological Testing</b>				
01	Face Mask (Medical and Non-medical)	Bacterial filtration efficiency (BFE)	ASTM F2101 – 19 (test method)	0 – 99.9%
02			EN 14683 : 2019	0 – 99.9%
03		Microbial cleanliness	EN 14683 : 2019 Annexure D (Specification) ISO 11737-1 : 2018	<3 – 10000 cfu/g

Director / CEO  
Sri Lanka Accreditation Board for Conformity Assessment